

EXHIBIT B20

Part 2

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[illegible]



Talc / Baby Powder Treated
EOC, Normal ov. Epi, Macrophages

- Split OV90 cells, 150mm dish x2
- Split Macrophages (had 4.8×10^6 cells in 150mm plate)
- Split CB. Normal ov. epi. cells
 - had $2 \times 150\text{mm dish} \Rightarrow \sim 11 \times 10^6$ cells
 - split into 4 plates
- Seeded TOV112-D unt. cells - treat after 24hr rest -
(full plate was $\sim 12 \times 10^6$ cells)

6 plates per timepoint in 100mm dish

<u>ID</u>	<u>treatment</u>	<u>details</u>
266	TOV112 - unt-24hr	2×10^6 cells
267	Control (DMSO) -24h	"
268	500 $\mu\text{g/ml}$ Talc -24h	"
269	1000 $\mu\text{g/ml}$ Talc -24h	"
270	500 $\mu\text{g/ml}$ Baby Powder (BP) -24h	"
271	1000 $\mu\text{g/ml}$ BP -24h	"
272	TOV112 - unt 48hr	1×10^6 cells
273	Control 48h	"
274	500 $\mu\text{g/ml}$ Talc 48h	"
275	1000 $\mu\text{g/ml}$ Talc 48h	"
276	500 $\mu\text{g/ml}$ B.P. 48h	"
277	1000 $\mu\text{g/ml}$ B.P. 48h	"
278	TOV112D - unt 72hr	500,000 cells
279	Control - 72hr	"
280	500 $\mu\text{g/ml}$ Talc -72h	"
281	1000 $\mu\text{g/ml}$ Talc -72h	"
282	500 $\mu\text{g/ml}$ B.P. 72h	"
283	1000 $\mu\text{g/ml}$ B.P. 72hr	"

Treat cells after 24 hr rest

$$(x)(50,000 \text{ ug/ml}) = (10 \text{ ml})(500 \text{ ug/ml})$$

$$x = 100 \mu\text{l}$$

$$\text{For } 1000 \text{ ug/ml} = 200 \mu\text{l}$$

Controls get 200 μl of sterile DMSO

- made a master mix of media + treatment and then added it to the cells

$$500 \text{ ug/ml} = 300 \mu\text{l} + 30 \text{ ml}$$

$$1000 \text{ ug/ml} = 600 \mu\text{l} + 30 \text{ ml}$$

$$\text{DMSO Control} = 600 \mu\text{l} + 30 \text{ ml}$$

<u>ID</u>	<u>Treatment</u>
284	OV90 Untreatd 24 hours
285	24 hr DMSO Control
286	24 hr 500 ug/ml Talc
287	25 hr 1000 ug/ml Talc
288	24 hr 500 ug/ml Baby Powder
289	24 hr 1000 ug/ml Baby Powder
290	Ov90 Untreatd 48 hours
291	48 hr DMSO Control
292	48 hr 500 ug/ml Talc
293	48 hr 1000 ug/ml Talc
294	48 hr 500 ug/ml Baby Powder
295	48 hr 1000 ug/ml Baby Powder
296	Ov90 72 hr untreated
297	72 hr DMSO Control
298	72 hr 500 ug/ml Talc
299	72 hr 1000 ug/ml Talc
300	72 hr 500 ug/ml Baby Powder
301	72 hr 1000 ug/ml Baby Powder
302	EL1 Untreatd 24 hours
303	24 hr DMSO Control
304	24 hr 500 ug/ml Talc
305	25 hr 1000 ug/ml Talc
306	24 hr 500 ug/ml Baby Powder
307	24 hr 1000 ug/ml Baby Powder
308	EL1 Untreatd 48 hours
309	48 hr DMSO Control
310	48 hr 500 ug/ml Talc
311	48 hr 1000 ug/ml Talc
312	48 hr 500 ug/ml Baby Powder
313	48 hr 1000 ug/ml Baby Powder
314	EL1 72 hr untreated
315	72 hr DMSO Control
316	72 hr 500 ug/ml Talc
317	72 hr 1000 ug/ml Talc
318	72 hr 500 ug/ml Baby Powder
319	72 hr 1000 ug/ml Baby Powder

<u>ID</u>	<u>Treatment</u>
320	TOV-21G Untreatd 24 hours
321	24 hr DMSO Control
322	24 hr 500 ug/ml Talc
323	25 hr 1000 ug/ml Talc
324	24 hr 500 ug/ml Baby Powder
325	24 hr 1000 ug/ml Baby Powder
326	TOV-21G Untreatd 48 hours
327	48 hr DMSO Control
328	48 hr 500 ug/ml Talc
329	48 hr 1000 ug/ml Talc
330	48 hr 500 ug/ml Baby Powder
331	48 hr 1000 ug/ml Baby Powder
332	TOV-21G 72 hr untreated
333	72 hr DMSO Control
334	72 hr 500 ug/ml Talc
335	72 hr 1000 ug/ml Talc
336	72 hr 500 ug/ml Baby Powder
337	72 hr 1000 ug/ml Baby Powder
338	Cell Biologics - Normal Ovarian Epithelial cells, Unt 24 hrs
339	24 hr DMSO Control
340	24 hr 500 ug/ml Talc
341	25 hr 1000 ug/ml Talc
342	24 hr 500 ug/ml Baby Powder
343	24 hr 1000 ug/ml Baby Powder
344	Cell Biologics - Normal Ovarian Epithelial cells, Unt 48 hrs
345	48 hr DMSO Control
346	48 hr 500 ug/ml Talc
347	48 hr 1000 ug/ml Talc
348	48 hr 500 ug/ml Baby Powder
349	48 hr 1000 ug/ml Baby Powder
350	Cell Biologics - Normal Ovarian Epithelial cells, Unt 72 hrs
351	72 hr DMSO Control
352	72 hr 500 ug/ml Talc
353	72 hr 1000 ug/ml Talc
354	72 hr 500 ug/ml Baby Powder
355	72 hr 1000 ug/ml Baby Powder

11/17/17
seeded C.B. Normal ov. Epi cells

338-355 - passage 11

24h = 2×10^6 cells

48h = 1×10^6 cells

72h = 500,000 cells

Will treat on 11/19/17

collected 24hr 11/20/17

48hr 11/21/17

72h 11/22/17

11/19/17 seeded EL-1, treated on 11/19/17

for 24hr 4×10^6 collect 11/20/17

48hr 2×10^6 collect 11/21/17

72hr 1×10^6 collect 11/22/17

12/4/17 Seeded TOV120 / TOV21G / treat 12/5/17

Collect 24hr 12/6/17

" 48hr 12/7/17

" 72hr 12/8/17

RNA extraction

#	Sample ID	Date and Time	Nucleic Acid Conc.	Unit	A260	A280	260/280	260/230
1	267	12/7/2017 2:07:20 PM	0.0635	µg/µl	1.588	0.831	1.91	1.36
2	269	12/7/2017 2:07:45 PM	0.0548	µg/µl	1.370	0.695	1.97	0.29
3	273	12/7/2017 2:08:08 PM	0.0257	µg/µl	0.643	0.335	1.92	0.24
4	275	12/7/2017 2:08:29 PM	0.0164	µg/µl	0.409	0.212	1.93	0.66
5	285	12/7/2017 2:08:53 PM	0.0678	µg/µl	1.694	0.882	1.92	1.13
6	287	12/7/2017 2:09:13 PM	0.0553	µg/µl	1.381	0.722	1.91	2.32
7	291	12/7/2017 2:09:32 PM	0.0630	µg/µl	1.575	0.802	1.96	0.34
8	293	12/7/2017 2:09:51 PM	0.0506	µg/µl	1.265	0.648	1.95	1.39
9	297	12/7/2017 2:10:10 PM	0.0358	µg/µl	0.896	0.455	1.97	0.22
10	299	12/7/2017 2:10:30 PM	0.0248	µg/µl	0.621	0.313	1.99	0.86
11	303	12/7/2017 2:10:51 PM	0.1809	µg/µl	4.523	2.334	1.94	1.35
12	305	12/7/2017 2:11:10 PM	0.1508	µg/µl	3.770	1.925	1.96	1.75
13	309	12/7/2017 2:11:31 PM	0.0279	µg/µl	0.698	0.362	1.93	0.85
14	311	12/7/2017 2:11:53 PM	0.0675	µg/µl	1.688	0.877	1.92	0.35
15	315	12/7/2017 2:12:12 PM	0.0445	µg/µl	1.113	0.585	1.90	1.13
16	317	12/7/2017 2:12:31 PM	0.0587	µg/µl	1.468	0.770	1.91	0.60
17	321	12/7/2017 2:12:50 PM	0.0810	µg/µl	2.025	1.061	1.91	1.03
18	323	12/7/2017 2:13:10 PM	0.0326	µg/µl	0.815	0.408	2.00	1.00
19	327	12/7/2017 2:13:31 PM	0.0445	µg/µl	1.112	0.574	1.94	2.54
20	329	12/7/2017 2:14:02 PM	0.0092	µg/µl	0.230	0.114	2.02	0.10
21	339	12/7/2017 2:14:21 PM	0.0177	µg/µl	0.442	0.220	2.01	0.55
22	341	12/7/2017 2:14:40 PM	0.0172	µg/µl	0.429	0.221	1.94	0.89
23	345	12/7/2017 2:14:59 PM	0.0219	µg/µl	0.548	0.281	1.95	1.31
24	347	12/7/2017 2:15:17 PM	0.0165	µg/µl	0.414	0.207	2.00	0.56
25	351	12/7/2017 2:15:34 PM	0.0165	µg/µl	0.413	0.214	1.93	0.96
26	353	12/7/2017 2:15:52 PM	0.0112	µg/µl	0.281	0.142	1.98	0.94
27	279	12/8/2017 1:19:05 PM	0.0145	µg/µl	0.364	0.192	1.89	1.07
28	281	12/8/2017 1:19:28 PM	0.0089	µg/µl	0.222	0.111	2.00	0.48
29	333	12/8/2017 1:19:56 PM	0.0244	µg/µl	0.609	0.317	1.92	0.65
30	335	12/8/2017 1:20:15 PM	0.0039	µg/µl	0.097	0.054	1.79	0.39
31	335	12/8/2017 1:21:01 PM	0.0041	µg/µl	0.102	0.048	2.12	0.38

(VILC) CONA Synthesis

0.1 μ g RNA used except
for #335 (0.06 μ g)

Sample ID	ul RNA for 0.1 μ g rxn	ul Water
267	1.6	14.4
269	1.8	14.2
273	3.9	12.1
275	6.1	9.9
279	6.9	9.1
281	11.2	4.8
285	1.5	14.5
287	1.8	14.2
291	1.6	14.4
293	2.0	14.0
297	2.8	13.2
299	4.0	12.0
303	0.6	15.4
305	0.7	15.3
309	3.6	12.4
311	1.5	14.5
315	2.2	13.8
317	1.7	14.3
321	1.2	14.8
323	3.1	12.9
327	2.2	13.8
329	10.9	5.1
333	4.1	11.9
335	16.0	0.0
339	5.6	10.4
341	5.8	10.2
345	4.6	11.4
347	6.1	9.9
351	6.1	9.9
353	8.9	7.1